

Atty. Dkt. No. 030481-0184

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Cancelled).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Cancelled).
7. (Cancelled).
8. (Cancelled).
9. (Cancelled).

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10. (Currently amended) A compression device for achieving haemostasis in a puncture wound following a catheterisation procedure, comprising:

a compressor; and

a pressure element connected to said compressor so that a side of the pressure element is in contact with a skin surface comprising said puncture wound, wherein said side of the pressure element which is in contact with said skin surface is provided with coagulant, so that the coagulant and external compression pressure are applied simultaneously on said puncture wound when said compressor applies external compression pressure on said puncture wound via said pressure element.

11. (Previously presented) A compression device according to claim 10, wherein said side of the pressure element is coated with a layer of coagulant.

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12. (Previously presented) A compression device according to claim 10, wherein the coagulant is provided at said side of the pressure element by a coagulant patch, which is detachable from the pressure element, so that the coagulant patch remains seated at the puncture wound when the pressure element is removed.
13. (Previously presented) A compression device according to claim 12, wherein the coagulant patch is in the form of a weakly adhesive patch, an adhesive side of which is attached to said side of the pressure element and which is easy to remove therefrom.
14. (Previously presented) A compression device according to claim 12, wherein the coagulant patch is in the form of a thin foil, which adheres to said side of the pressure element by covalent forces and which is easy to remove therefrom.
15. (Previously presented) A compression device according to claim 10 for the compression of the femoral artery, which femoral compression device comprises an inflatable pressure element and the compressor comprises a belt adapted to be fixed around a patient's body, a base plate, which is connectable to the belt and has a top portion and a bottom portion connected to the pressure element, and a pump connectable to the pressure element, wherein said side of the pressure element is provided with coagulant, so that the coagulant and external compression pressure are applied simultaneously on said puncture wound when the inflatable pressure element is inflated by the pump.
16. (Previously presented) A compression device according to claim 15, wherein said side of the pressure element is coated with a layer of coagulant.
17. (Previously presented) A compression device according to claim 15, wherein the coagulant is provided at said side of the pressure element by a coagulant patch, which is detachable from the pressure element, so that the coagulant patch remains seated at the puncture wound when the pressure element is removed.
18. (Previously presented) A compression device according to claim 17, wherein the coagulant patch is in the form of a weakly adhesive patch, an adhesive side of which is attached to said side of the pressure element and which is easy to remove therefrom.

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19. (Previously presented) A compression device according to claim 17, wherein the coagulant patch is in the form of a thin foil, which adheres to said side of the pressure element by covalent forces and which is easy to remove therefrom.
20. (Previously presented) A compression device according to claim 10 for the compression of the radial artery, which compression device comprises the pressure element and the compressor comprising a support plate having a first securing strap connected to a distal end of the support plate, a second securing strap connected to a proximal end of the support plate, and at least one intermediate securing strap, on which the pressure element is attached, for holding the pressure element and the support plate in position on essentially opposite sides of the wrist of a patient, wherein said side of the pressure element is provided with coagulant, so that the coagulant and external compression pressure are applied simultaneously on said puncture wound when said at least one intermediate securing strap is tightened.
21. (Previously presented) A compression device according to claim 20, wherein said side of the pressure element is coated with a layer of coagulant.
22. (Previously presented) A compression device according to claim 20, wherein the coagulant is provided at said side of the pressure element by a coagulant patch, which is detachable from the pressure element, so that the coagulant patch remains seated at the puncture wound when the pressure element is removed.
23. (Previously presented) A compression device according to claim 22, wherein the coagulant patch is in the form of a weakly adhesive patch, an adhesive side of which is attached to said side of the pressure element and which is easy to remove therefrom.
24. (Previously presented) A compression device according to claim 22, wherein the coagulant patch is in the form of a thin foil, which adheres to said side of the pressure element by covalent forces and which is easy to remove therefrom.
25. (Previously presented) A compression device according to claim 10 for the compression of the radial artery, which compression device comprises a support arm provided

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with a support pad, a compression arm connected to the support arm and provided with the pressure element, and a pressure-adjusting assembly for adjusting the distance between the support pad and the pressure element, so that, when the compression device is arranged on a forearm of a patient, the support pad bears against a well-defined area at the upside of the radius bone and the pressure element bears against well-defined area at the underside of the radius bone, wherein said side of the pressure element is provided with coagulant, so that the coagulant and external compression pressure are applied simultaneously on said puncture wound by the pressure-adjusting assembly.

26. (Previously presented) A compression device according to claim 25, wherein said side of the pressure element is coated with a layer of coagulant.

27. (Previously presented) A compression device according to claim 25, wherein the coagulant is provided at said side of the pressure element by a coagulant patch, which is detachable from the pressure element, so that the coagulant patch remains seated at the puncture wound when the pressure element is removed.

28. (Previously presented) A compression device according to claim 27, wherein the coagulant patch is in the form of a weakly adhesive patch, an adhesive side of which is attached to said side of the pressure element and which is easy to remove therefrom.

29. (Previously presented) A compression device according to claim 27, wherein the coagulant patch is in the form of a thin foil, which adheres to said side of the pressure element by covalent forces and which is easy to remove therefrom.

30. (Cancelled).

31. (Previously presented) A compression device according to claim 10, wherein the coagulant comprises chitosan.

32. (New) A compression device according to claim 10, wherein the pressure element comprises an inflatable pressure element.

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